



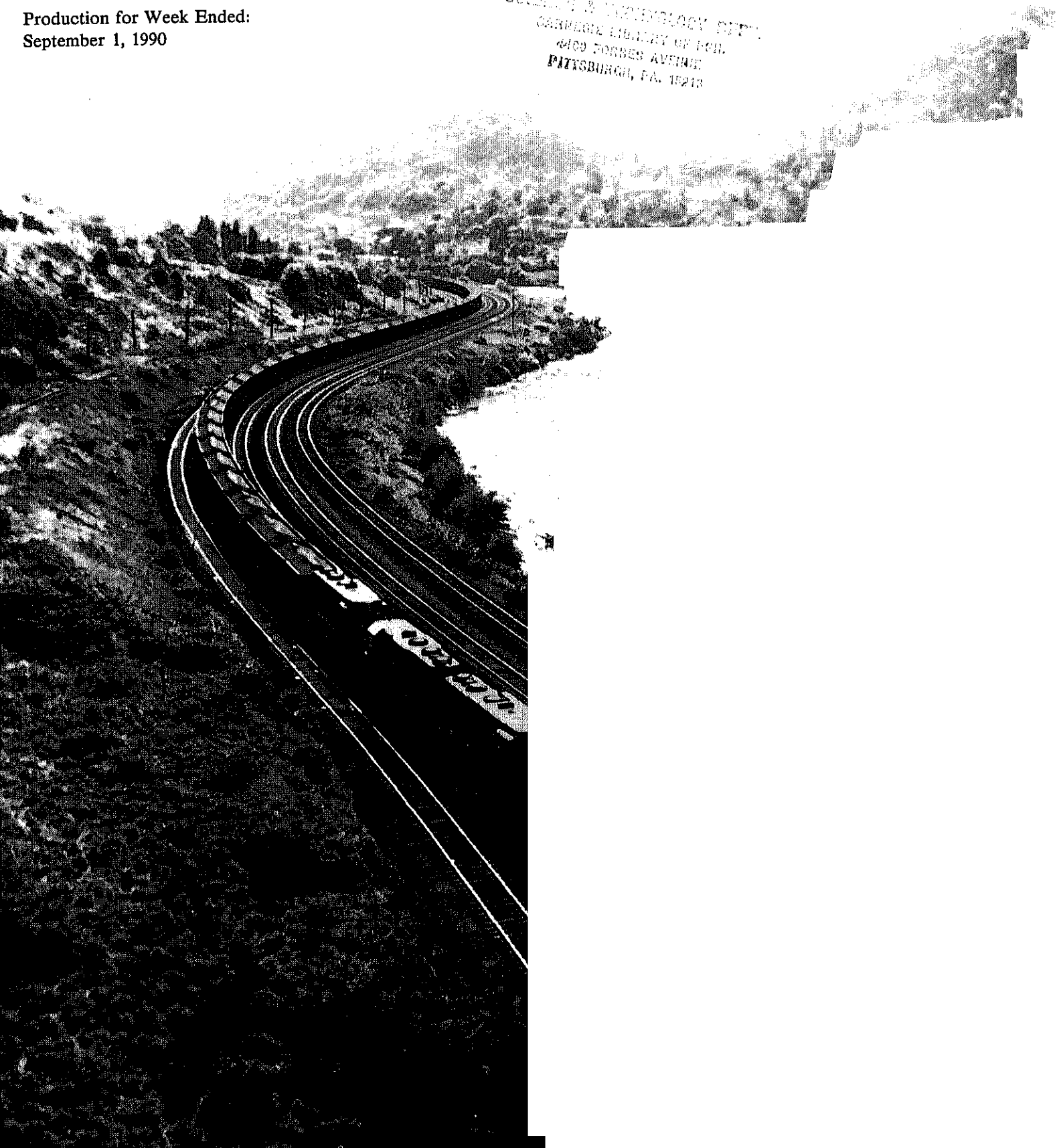


Energy  
Information  
Administration

# Weekly Coal Production

Production for Week Ended:  
September 1, 1990

SCIENCE & TECHNOLOGY DEPT.  
CARNEGIE LIBRARY OF FOR.  
4100 FORBES AVENUE  
PITTSBURGH, PA. 15213



## Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Coal Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary level, monthly data for all coal consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent.

Final coal production data are published annually based on the EIA-7A coal production survey. Based on 1988 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from .02 percent to .08 percent.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202)586-8800.*

# Contents

	Page
Summary .....	1

## Illustrations

	Page
1. Coal Production .....	2

## Tables

	Page
1. Coal Production .....	1
2. Coal Production by State .....	2
3. Coal Production by State, August 1990 .....	3
4. Coal Statistics for Electric Utilities, 1981-1990 .....	4
5. Coal-Fired Net Generation, June 1990 .....	5
6. Coal Consumption at Electric Utility Plants, June 1990 .....	6
7. Coal Stocks at Electric Utility Plants, June 1990 .....	7
8. Coal Receipts at Electric Utility Plants, May 1990 .....	8
9. Quality and Price of Coal Receipts at Electric Utility Plants, May 1990 .....	9
10. Quality and Price of Contract Coal Receipts at Electric Utility Plants, May 1990 .....	10
11. Quality and Price of Spot Coal Receipts at Electric Utility Plants, May 1990 .....	
12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, May 1990 .....	
13. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-May 1990 .....	
14. Destination of Coal Received at Electric Utility Plants by Origin, January-May 1990 .....	
15. Origin of Coal Received at Electric Utility Plants by Destination, January-May 1990 .....	

## Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Coal Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary level, monthly data for all coal consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent.

Final coal production data are published annually based on the EIA-7A coal production survey. Based on 1988 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from .02 percent to .08 percent.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202/586-8800).*

# Contents

	Page
Summary .....	1

## Illustrations

	Page
1. Coal Production .....	2

## Tables

	Page
1. Coal Production .....	1
2. Coal Production by State .....	2
3. Coal Production by State, August 1990 .....	3
4. Coal Statistics for Electric Utilities, 1981-1990 .....	4
5. Coal-Fired Net Generation, June 1990 .....	5
6. Coal Consumption at Electric Utility Plants, June 1990 .....	6
7. Coal Stocks at Electric Utility Plants, June 1990 .....	7
8. Coal Receipts at Electric Utility Plants, May 1990 .....	8
9. Quality and Price of Coal Receipts at Electric Utility Plants, May 1990 .....	9
10. Quality and Price of Contract Coal Receipts at Electric Utility Plants, May 1990 .....	10
11. Quality and Price of Spot Coal Receipts at Electric Utility Plants, May 1990 .....	11
12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, May 1990 .....	12
13. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-May 1990 .....	13
14. Destination of Coal Received at Electric Utility Plants by Origin, January-May 1990 .....	14
15. Origin of Coal Received at Electric Utility Plants by Destination, January-May 1990 .....	18



## Summary

U.S. coal production in the week ended September 1, 1990, as estimated by the Energy Information Administration, totaled 21 million short tons. This was about the same as in the previous week and in the comparable week in 1989. Production East of the Mississippi River totaled 12 million short tons, and production West of the Mississippi River totaled 8 million short tons.

Coal production in August totaled 94 million short tons, 15 percent more than the 81 million short tons produced in July 1990, which included the Independence Day holiday and the United Mine Workers of America members' vacation period. Production in August was 3 percent higher than a year earlier.

Coal consumption at electric utility plants in June 1990 totaled 65 million short tons, 10 percent higher than in May, as higher-than-normal temperatures led to an increased demand for electricity. Utility coal consumption in June 1990 was 2 percent higher than the level in June 1989.

Total coal consumption at electric utility plants for the first 6 months of 1990 was 367 million short tons, slightly less than in the comparable period in 1989. The largest regional changes occurred in the South Atlantic Census Division, where consumption dropped 7 million short tons, and the East North Central Census Division, where consumption rose 4 million short tons.

In the South Atlantic Census Division, West Virginia, North Carolina, and Virginia were the primary con-

tributors to the decline in electric utility consumption. In West Virginia and North Carolina, electric utility coal consumption was down because the demand for electricity in those States was lower. In Virginia, nuclear-powered generation was used to meet higher electricity demand as well as to substitute for coal-fired, petroleum-fired and natural gas-fired generation.

In the East North Central Census Division, electric utility coal consumption was higher largely because of increases in Illinois and Indiana, which offset a decrease in Ohio. Total electricity generation in Illinois declined slightly, but coal-fired generation was substituted for nuclear-powered generation, resulting in higher coal consumption. In Indiana, coal consumption rose as coal-fired generation was used to satisfy an increase in electricity demand. In Ohio, a decrease in electricity demand primarily affected coal-fired generation although petroleum and nuclear-powered generation also declined.

Electric utility coal stocks were 9 percent higher than a year ago, with stocks on June 30, 1990, at 163 million short tons, compared with 149 million short tons on June 30, 1989.

Coal receipts at electric utility plants in May 1990 were 65 million short tons, virtually the same as a year earlier. Total coal receipts for the first 5 months at electric utility plants totaled 326 million short tons, nearly 6 percent higher than in the comparable period of 1989, reflecting the build-up of coal stocks at electric utilities.

**Table 1. Coal Production**

Production and Carloadings	Week Ended	
	09/01/90	08/25/90
<b>Production (Thousand Short Tons)</b>		
Bituminous <sup>1</sup> and Lignite .....	20,652	20,871
Pennsylvania Anthracite .....	80	81
U.S. Total .....	20,732	20,952
Railroad Cars Loaded .....	133,158	134,789

<sup>1</sup> Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of rounding.  
Sources: Association of American Railroads, Transportation Division, Weekly S Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and



Figure 1. Coal Production

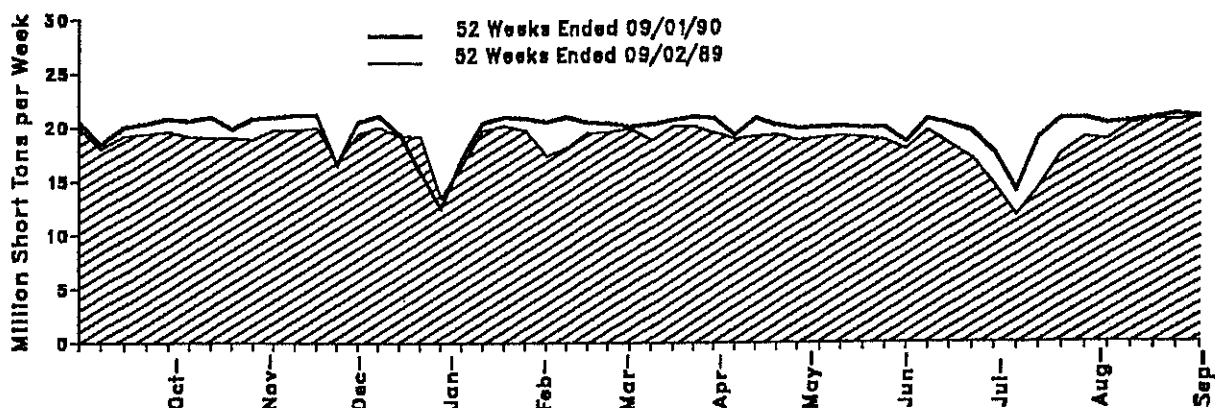


Table 2. Coal Production by State  
(Thousand Short Tons)

Region and State	Week Ended		
	09/01/90	08/25/90	09/02/89
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
East of the Mississippi .....	12,401	12,523	12,490
Alabama .....	557	580	562
Illinois .....	1,004	1,070	1,266
Indiana .....	869	828	744
Kentucky .....	3,329	3,283	3,398
Kentucky, Eastern .....	2,448	2,407	2,588
Kentucky, Western .....	881	857	830
Maryland .....	59	58	54
Ohio .....	715	712	713
Pennsylvania Bituminous .....	1,435	1,578	1,513
Tennessee .....	143	142	139
Virginia .....	996	993	1,101
West Virginia .....	3,293	3,297	3,001
West of the Mississippi .....	8,252	8,348	7,988
Alaska .....	29	29	26
Arizona .....	252	255	274
Arkansas .....	3	3	2
Colorado .....	392	506	343
Iowa .....	8	8	8
Kansas .....	23	23	30
Louisiana .....	83	54	36
Missouri .....	62	63	62
Montana .....	755	724	771
New Mexico .....	475	494	513
North Dakota .....	622	598	614
Oklahoma .....	33	38	40
Texas .....	1,261	1,277	1,253
Utah .....	429	584	423
Washington .....	101	102	93
Wyoming .....	3,725	3,614	3,499
<b>Bituminous<sup>1</sup> and Lignite Total .....</b>	<b>20,652</b>	<b>20,871</b>	<b>20,478</b>
<b>Pennsylvania Anthracite .....</b>	<b>80</b>	<b>81</b>	<b>75</b>
<b>U.S. Total .....</b>	<b>20,732</b>	<b>20,952</b>	<b>20,553</b>

<sup>1</sup> Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-8, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 3. Coal Production by State, August 1990**  
(Thousand Short Tons)

Region and State	August 1990	July 1990	August 1989	Year to Date		
				1990	1989	Percent Change
Bituminous Coal <sup>1</sup> and Lignite						
East of the Mississippi .....	55,658	47,508	54,969	423,440	391,350	8.2
Alabama .....	2,470	2,178	2,429	19,353	18,814	4.0
Illinois .....	4,954	4,143	5,552	39,267	39,716	-1.1
Indiana .....	3,900	3,636	3,412	27,574	21,693	27.1
Kentucky .....	14,677	12,575	15,347	113,655	104,080	9.2
Kentucky, Eastern .....	10,841	9,374	11,426	84,080	76,737	9.6
Kentucky, Western .....	3,836	3,200	3,921	29,574	27,343	8.2
Maryland .....	262	226	239	2,174	2,182	-.4
Ohio .....	3,145	2,668	3,088	24,093	21,351	12.8
Pennsylvania Bituminous .....	6,571	5,173	6,178	49,361	45,357	8.8
Tennessee .....	625	543	610	4,595	4,187	9.8
Virginia .....	4,370	3,784	4,846	34,536	34,675	-.4
West Virginia .....	14,684	12,571	13,268	108,833	99,498	9.4
West of the Mississippi .....	37,555	33,427	35,937	268,847	249,879	7.6
Alaska .....	129	111	114	947	872	8.7
Arizona .....	1,137	989	1,211	8,228	7,836	5.0
Arkansas .....	12	11	8	49	51	-5.3
California .....	-	-	-	13	-	-
Colorado .....	1,980	1,370	1,435	13,469	10,783	24.9
Iowa .....	34	29	37	256	302	-15.4
Kansas .....	103	85	134	704	579	21.4
Louisiana .....	305	286	324	2,086	1,929	8.2
Missouri .....	279	258	275	2,216	2,082	6.4
Montana .....	3,333	3,217	3,476	24,898	24,521	1.5
New Mexico .....	2,302	1,703	2,192	17,115	15,778	8.5
North Dakota .....	2,746	2,651	2,681	20,302	19,730	2.9
Oklahoma .....	172	157	186	1,304	1,295	.7
Texas .....	5,698	4,967	5,546	38,323	35,540	7.8
Utah .....	2,243	1,610	1,822	15,527	13,104	18.5
Washington .....	455	390	412	3,244	3,321	-2.3
Wyoming .....	16,627	15,591	16,084	120,168	112,156	7.1
Bituminous <sup>1</sup> and Lignite Total .....	93,213	80,933	90,906	692,287	641,229	8.0
Pennsylvania Anthracite .....	345	277	305	2,291	2,209	3.7
U.S. Total .....	93,558	81,210	91,212	694,578	643,438	7.9

<sup>1</sup> Includes subbituminous coal.

Note: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

**Table 4. Coal Statistics for Electric Utilities, 1981-1990**

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		GWh <sup>1</sup>	Percent Coal	
1981 .....	578,374	86.9	153	1.43	596,797	1,203,203	52.4	168,893
1982 .....	601,427	90.4	165	1.42	593,666	1,192,004	53.2	181,132
1983 .....	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984 .....	684,111	85.5	166	1.39	664,399	1,341,681	55.5	179,727
1985 .....	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
1986 .....	686,964	87.5	158	1.32	685,056	1,385,831	55.7	161,806
1987 .....	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
1988								
January .....	58,626	85.7	147	1.32	67,850	137,845	57.9	163,561
February .....	56,871	88.7	149	1.27	61,401	126,287	58.2	160,424
March .....	59,021	88.8	149	1.27	58,758	120,034	58.1	162,603
April .....	56,136	87.9	150	1.24	54,135	109,135	55.7	165,750
May .....	57,920	87.9	150	1.25	56,529	115,195	55.3	166,328
June .....	59,337	87.1	146	1.25	65,343	132,268	56.8	161,215
July .....	58,989	86.9	146	1.21	71,749	144,301	58.0	148,234
August .....	68,696	86.4	145	1.24	75,253	152,377	56.9	141,389
September .....	63,103	85.2	145	1.27	61,540	124,410	56.5	142,830
October .....	63,574	86.3	146	1.29	59,561	121,339	57.6	147,130
November .....	62,015	84.3	146	1.26	59,305	121,054	57.8	150,016
December .....	63,487	82.6	142	1.27	66,948	136,427	58.6	146,507
Total .....	727,775	86.3	147	1.26	758,372	1,540,653	57.0	
1989								
January .....	62,443	82.6	143	1.28	66,619	134,968	58.1	142,403
February .....	56,634	82.9	145	1.29	62,613	127,194	57.9	137,354
March .....	63,218	83.4	144	1.28	61,808	126,706	55.9	138,949
April .....	62,076	82.2	144	1.27	55,929	115,271	55.5	144,596
May .....	64,796	84.0	145	1.30	58,359	118,958	54.1	150,970
June .....	61,272	83.9	145	1.26	63,623	128,454	54.6	148,968
July .....	55,429	83.2	144	1.22	69,705	138,487	53.9	134,859
August .....	70,147	82.9	145	1.29	70,471	141,710	54.9	133,932
September .....	64,539	81.1	146	1.27	62,889	126,730	55.9	135,629
October .....	66,578	80.7	145	1.29	60,541	122,212	55.7	142,270
November .....	65,570	80.7	144	1.28	60,896	124,154	56.7	147,131
December .....	60,515	81.9	143	1.27	72,267	147,030	56.8	135,894
Total .....	753,217	82.4	144	1.28	765,820	1,551,852	55.8	
1990								
January .....	67,637	82.7	145	1.30	66,060	132,496	56.9	138,358
February .....	62,280	82.1	146	1.30	58,003	115,898	54.5	143,413
March .....	67,518	83.1	145	1.31	60,616	122,958	54.5	150,808
April .....	63,886	82.9	147	1.30	57,661	117,111	55.6	156,318
May .....	64,958	83.1	148	1.30	59,042	119,644	53.8	163,233
June .....	NA	NA	NA	NA	65,167	132,459	53.2	162,745

<sup>1</sup> Gigawatthours

NA Not available.

Note: MM Btu represents million Btu.

Sources: Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption and Stocks: Energy Information Administration (EIA), "Weekly Coal Production." Generation: Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report."

**Table 5. Coal-Fired Net Generation, June 1990**  
(Gigawatt-hours)

Census Division and State	June 1990	June 1989	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1990	1989	Percent Change	1990	1989
New England .....	884	1,543	-42.7	7,471	8,307	-10.1	16.0	17.5
Connecticut .....	191	227	-16.2	1,221	847	44.1	7.5	5.1
Maine .....	-	-	-	-	-	-	-	-
Massachusetts .....	634	1,058	-40.1	5,107	6,004	-14.9	26.4	32.2
New Hampshire .....	60	258	-76.9	1,143	1,455	-21.4	31.9	37.5
Rhode Island .....	*	*	NM	*	*	NM	*	*
Vermont .....	-	-	-	-	-	-	-	-
Middle Atlantic .....	10,928	10,742	1.7	67,030	67,560	-.8	40.9	43.9
New Jersey .....	702	615	14.2	3,422	4,310	-20.6	21.4	21.7
New York .....	1,969	2,047	-3.9	12,287	12,390	-.8	19.4	19.8
Pennsylvania .....	8,258	8,080	2.2	51,321	50,860	.9	60.7	71.2
East North Central .....	30,158	28,875	4.4	178,056	173,284	2.8	74.3	74.0
Illinois .....	4,660	3,413	36.5	27,038	23,015	17.5	44.4	37.6
Indiana .....	7,687	7,235	6.3	47,478	41,340	14.8	98.3	98.9
Michigan .....	5,667	5,691	-.4	32,234	32,956	-2.2	68.2	75.5
Ohio .....	9,691	10,178	-4.8	55,791	60,840	-8.3	90.8	92.1
Wisconsin .....	2,453	2,359	4.0	15,515	15,133	2.5	71.2	70.9
West North Central .....	13,272	12,519	6.0	78,297	76,967	1.7	75.2	75.4
Iowa .....	2,014	1,757	14.6	11,841	12,121	-2.3	82.7	84.9
Kansas .....	2,060	1,791	15.0	11,726	11,124	5.4	76.1	67.8
Minnesota .....	1,887	1,908	-1.1	12,584	12,046	4.6	65.0	64.9
Missouri .....	4,201	3,913	7.4	21,829	23,790	-8.2	76.9	85.2
Nebraska .....	1,071	1,087	-1.4	6,748	5,409	24.8	66.1	59.1
North Dakota .....	1,818	1,864	-2.5	12,432	11,351	9.5	92.8	91.9
South Dakota .....	220	199	10.2	1,128	1,126	.2	37.7	32.8
South Atlantic .....	29,143	29,178	-.1	148,510	165,344	-10.2	58.7	63.2
Delaware .....	432	416	3.8	2,240	2,389	-6.2	65.0	60.0
District of Columbia .....	-	-	-	-	-	-	-	-
Florida .....	5,204	5,427	-4.1	28,282	28,181	.4	49.6	49.0
Georgia .....	6,422	5,568	15.3	30,323	30,893	-2.2	66.7	70.2
Maryland .....	2,128	2,181	-2.4	11,474	11,791	-2.7	78.1	61.1
North Carolina .....	4,464	4,740	-5.8	20,153	25,153	-19.9	53.1	57.7
South Carolina .....	2,301	2,454	-6.2	10,737	12,106	-11.3	31.8	38.5
Virginia .....	1,720	2,014	-14.6	8,590	12,815	-33.0	36.6	67.4
West Virginia .....	6,472	6,377	1.5	36,711	41,916	-12.4	98.9	99.0
East South Central .....	16,938	14,472	17.0	84,350	83,530	1.0	70.7	72.5
Alabama .....	5,339	4,561	17.1	23,080	24,696	-6.5	62.3	66.5
Kentucky .....	6,494	5,495	18.2	34,222	31,847	7.5	95.3	93.7
Mississippi .....	1,103	1,035	6.6	4,155	3,729	11.4	38.2	41.8
Tennessee .....	4,002	3,381	18.4	22,893	23,258	-1.6	64.4	66.3
West South Central .....	16,498	15,801	4.4	83,910	85,657	-2.0	47.9	49.4
Arkansas .....	1,865	1,470	26.9	7,834	8,077	-3.0	45.5	51.6
Louisiana .....	1,388	1,764	-21.3	7,706	9,266	-16.8	29.4	37.0
Oklahoma .....	2,275	2,013	13.0	11,795	11,315	4.2	53.7	52.9
Texas .....	10,970	10,554	3.9	56,575	57,000	-.7	51.5	51.2
Mountain .....	14,500	15,049	-3.6	89,834	87,049	3.2	77.4	77.4
Arizona .....	3,191	2,938	8.6	15,371	14,987	2.6	57.3	57.7
Colorado .....	2,540	2,296	10.6	14,637	13,959	4.9	94.5	91.1
Idaho .....	-	-	-	-	-	-	-	-
Montana .....	864	969	-10.8	7,283	7,264	.3	57.2	63.1
Nevada .....	929	1,473	-36.9	6,408	7,705	-16.9	77.2	79.1
New Mexico .....	2,156	2,444	-11.8	12,802	12,235	4.6	90.5	90.1
Utah .....	2,520	2,454	2.7	15,381	13,839	11.1	97.6	98.9
Wyoming .....	2,300	2,475	-7.1	17,954	17,062	5.2	98.3	98.0
Pacific .....	138	275	-49.6	3,108	3,851	-19.3	2.2	2.7
California .....	-	-	-	-	-	-	-	-
Oregon .....	*	*	NM	-12	440	NM	*	1.7
Washington .....	114	248	-54.1	2,960	3,260	-9.2	5.4	7.1
Alaska .....	25	27	-8.5	180	151	5.6	7.1	6.8
Hawaii .....	-	-	-	-	-	-	-	-
<b>U.S. Total .....</b>	<b>132,459</b>	<b>128,454</b>	<b>3.1</b>	<b>740,566</b>	<b>751,550</b>	<b>-1.5</b>	<b>54.5</b>	<b>56.0</b>

\* For quantity data, the absolute value of the number is less than 0.5 gigawatt-hours. For percentage calculations, the absolute value of the number is less than 0.05 percent.

NM Percent change calculation not meaningful as value is greater than 500.

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 6. Coal Consumption at Electric Utility Plants, June 1990**  
(Thousand Short Tons)

Census Division and State	June 1990	May 1990	June 1989	Year to Date		
				1990	1989	Percent Change
New England .....	344	382	582	2,857	3,123	-8.5
Connecticut .....	78	88	91	503	346	45.3
Massachusetts .....	241	263	392	1,908	2,227	-14.3
New Hampshire .....	25	31	98	446	550	-18.9
Rhode Island .....	*	*	*	*	*	-
Middle Atlantic .....	4,467	4,085	4,424	27,077	27,439	-1.3
New Jersey .....	275	116	239	1,321	1,661	-20.5
New York .....	788	788	827	4,944	4,956	-.2
Pennsylvania .....	3,404	3,181	3,358	20,812	20,821	*
East North Central .....	14,248	13,467	13,460	84,478	80,381	5.1
Illinois .....	2,377	2,180	1,692	13,712	11,473	19.5
Indiana .....	3,833	3,863	3,549	23,564	20,043	17.6
Michigan .....	2,558	2,328	2,515	14,693	14,427	1.8
Ohio .....	4,108	3,744	4,362	23,802	25,861	-8.0
Wisconsin .....	1,371	1,354	1,342	8,707	8,577	1.5
West North Central .....	8,283	7,333	7,969	49,422	47,848	3.1
Iowa .....	1,222	1,003	1,071	7,339	7,268	1.0
Kansas .....	1,307	1,116	1,167	7,434	7,219	3.0
Minnesota .....	1,262	1,143	1,258	7,780	7,440	4.6
Missouri .....	2,042	1,792	1,981	10,873	11,684	-6.9
Nebraska .....	683	598	684	4,270	3,405	25.4
North Dakota .....	1,559	1,494	1,622	10,653	9,840	8.3
South Dakota .....	208	186	188	1,073	1,080	-1.6
South Atlantic .....	11,545	10,318	11,796	58,748	65,669	-10.5
Delaware .....	178	136	178	936	994	-5.8
Florida .....	2,113	2,080	2,234	11,411	11,457	-.4
Georgia .....	2,604	2,241	2,356	12,280	12,731	-3.5
Maryland .....	808	759	838	4,408	4,496	-1.9
North Carolina .....	1,721	1,360	1,850	7,743	9,625	-19.8
South Carolina .....	912	846	979	4,280	4,789	-10.6
Virginia .....	677	492	821	3,349	5,105	-34.4
West Virginia .....	2,532	2,422	2,540	14,340	16,472	-12.9
East South Central .....	7,141	6,038	6,147	35,694	35,044	1.8
Alabama .....	2,186	1,807	1,889	9,585	10,023	-4.4
Kentucky .....	2,842	2,326	2,411	14,929	13,870	7.6
Mississippi .....	451	368	430	1,701	1,539	10.6
Tennessee .....	1,683	1,534	1,416	9,478	9,612	-1.4
West South Central .....	11,290	9,493	11,040	57,907	59,809	-3.2
Arkansas .....	1,153	893	900	4,878	4,911	-.7
Louisiana .....	919	763	1,150	5,133	6,093	-15.7
Oklahoma .....	1,335	1,018	1,213	6,863	6,784	2.6
Texas .....	7,883	6,818	7,777	40,934	42,021	-2.6
Mountain .....	7,747	7,844	8,016	48,262	47,082	2.5
Arizona .....	1,595	1,275	1,466	7,690	7,461	3.1
Colorado .....	1,356	1,202	1,223	7,838	7,470	4.9
Montana .....	548	575	623	4,588	4,643	-1.2
Nevada .....	444	406	724	3,167	3,774	-16.1
New Mexico .....	1,289	1,346	1,413	7,482	7,190	4.1
Utah .....	1,090	1,086	1,063	6,592	6,050	9.0
Wyoming .....	1,425	1,754	1,505	10,905	10,474	4.1
Pacific .....	102	285	188	2,104	2,577	-18.4
Oregon .....	*	*	*	*	306	-100.0
Washington .....	81	268	164	1,963	2,130	-7.8
Alaska .....	21	16	24	141	142	-.4
<b>U.S. Total .....</b>	<b>65,167</b>	<b>59,042</b>	<b>63,623</b>	<b>366,548</b>	<b>369,050</b>	<b>-.7</b>

\* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 7. Coal Stocks at Electric Utility Plants, June 1990**  
(Thousand Short Tons)

Census Division and State	June 30, 1990	May 31, 1990	June 30, 1989	Percent Change June 30: 1990 versus 1989
<b>New England</b> .....	<b>1,558</b>	<b>1,312</b>	<b>1,279</b>	<b>21.8</b>
Connecticut .....	187	178	140	34.1
Massachusetts .....	931	844	861	8.1
New Hampshire .....	412	262	250	64.7
Rhode Island .....	28	28	28	*
<b>Middle Atlantic</b> .....	<b>16,285</b>	<b>16,087</b>	<b>14,247</b>	<b>14.3</b>
New Jersey .....	1,001	983	889	49.7
New York .....	1,816	1,699	1,454	24.8
Pennsylvania .....	13,468	13,405	12,124	11.1
<b>East North Central</b> .....	<b>37,777</b>	<b>37,394</b>	<b>37,337</b>	<b>1.2</b>
Illinois .....	7,862	8,071	10,080	-21.9
Indiana .....	8,762	9,489	8,847	10.3
Michigan .....	7,094	6,958	7,402	-4.2
Ohio .....	8,979	8,892	6,419	39.9
Wisconsin .....	4,080	3,983	4,609	-11.5
<b>West North Central</b> .....	<b>20,928</b>	<b>21,311</b>	<b>20,952</b>	<b>-1.1</b>
Iowa .....	4,142	4,137	3,999	3.6
Kansas .....	3,576	3,644	3,789	-5.6
Minnesota .....	2,476	2,263	2,368	4.6
Missouri .....	5,522	5,779	5,097	8.3
Nebraska .....	1,611	1,604	1,750	-8.0
North Dakota .....	3,321	3,372	3,651	-9.0
South Dakota .....	280	287	298	-6.0
<b>South Atlantic</b> .....	<b>29,288</b>	<b>30,023</b>	<b>22,947</b>	<b>27.6</b>
Delaware .....	440	467	482	-8.8
Florida .....	5,431	5,287	5,611	-3.2
Georgia .....	6,464	6,711	5,290	22.2
Maryland .....	1,705	1,736	1,347	26.5
North Carolina .....	4,895	5,195	3,075	59.2
South Carolina .....	2,088	2,142	1,451	43.8
Virginia .....	1,713	1,869	1,255	38.5
West Virginia .....	6,552	6,617	4,435	47.7
<b>East South Central</b> .....	<b>17,839</b>	<b>17,915</b>	<b>15,136</b>	<b>17.9</b>
Alabama .....	5,198	5,452	4,907	5.9
Kentucky .....	7,375	7,306	4,986	47.6
Mississippi .....	1,075	1,137	1,096	-1.9
Tennessee .....	4,192	4,021	4,138	1.3
<b>West South Central</b> .....	<b>18,391</b>	<b>18,060</b>	<b>17,194</b>	<b>7.0</b>
Arkansas .....	2,264	2,471	2,444	-7.4
Louisiana .....	2,557	2,531	2,341	9.2
Oklahoma .....	3,371	3,703	3,071	9.8
Texas .....	10,199	10,354	9,338	9.2
<b>Mountain</b> .....	<b>18,415</b>	<b>18,288</b>	<b>17,740</b>	<b>3.8</b>
Arizona .....	3,690	3,698	4,054	-9.0
Colorado .....	3,864	3,889	4,282	-9.8
Montana .....	870	856	789	10.3
Nevada .....	1,359	1,378	1,148	18.5
New Mexico .....	1,377	1,388	1,285	7.2
Utah .....	3,739	3,909	3,085	21.2
Wyoming .....	3,515	3,172	3,097	13.5
<b>Pacific</b> .....	<b>2,265</b>	<b>1,841</b>	<b>2,162</b>	<b>-4.2</b>
Oregon .....	480	480		
Washington .....	1,781	1,359		
Alaska .....	4	2		
<b>U.S. Total</b> .....	<b>162,745</b>	<b>16</b>		

\* For quantity data, the absolute value of the number is less than 0.5 thousand ;  
ber is less than 0.05 percent.

Note: Total may not equal sum of components because of independent round

Source: Energy Information Administration, Form EIA-759, "Monthly Power Pl

**Table 8. Coal Receipts at Electric Utility Plants, May 1990**  
(Thousand Short Tons)

Census Division and State	May 1990	April 1990	May 1989	Year to Date		
				1990	1989	Percent Change
New England .....	600	414	609	2,863	2,546	12.4
Connecticut .....	120	60	20	460	296	55.4
Massachusetts .....	413	281	492	1,868	1,863	.3
New Hampshire .....	67	73	96	534	387	38.1
Middle Atlantic .....	5,058	5,108	4,838	25,741	23,928	7.6
New Jersey .....	193	303	316	1,388	1,487	-6.8
New York .....	975	896	938	4,561	4,131	10.4
Pennsylvania .....	3,890	3,909	3,583	19,794	18,310	8.1
East North Central .....	14,805	14,906	14,030	76,251	63,954	9.8
Illinois .....	2,438	2,080	2,101	11,190	10,382	7.8
Indiana .....	4,096	4,277	3,247	20,830	18,133	29.1
Michigan .....	2,672	2,509	2,788	8,094	9,097	*
Ohio .....	3,838	4,480	4,349	21,845	21,188	3.1
Wisconsin .....	1,759	1,558	1,544	7,291	7,153	1.9
West North Central .....	8,353	8,865	8,418	43,836	41,117	6.6
Iowa .....	1,408	1,554	1,486	6,277	5,556	13.0
Kansas .....	1,100	1,531	1,251	6,750	6,275	7.6
Minnesota .....	1,298	1,529	1,285	7,267	6,075	19.6
Missouri .....	2,054	1,801	2,015	10,352	10,528	-1.7
Nebraska .....	585	737	675	3,517	2,928	20.1
North Dakota .....	1,726	1,682	1,586	8,918	8,946	-.3
South Dakota .....	182	31	120	755	810	-6.8
South Atlantic .....	10,972	10,665	11,410	56,681	54,057	4.9
Delaware .....	190	151	187	985	894	7.9
Florida .....	2,158	2,012	2,265	10,320	9,882	4.4
Georgia .....	2,394	2,288	2,053	11,148	10,461	6.6
Maryland .....	778	819	835	4,279	3,600	18.9
North Carolina .....	1,434	1,406	1,734	8,447	7,458	13.3
South Carolina .....	810	683	754	3,662	3,734	-1.9
Virginia .....	537	485	908	3,179	4,331	-26.6
West Virginia .....	2,672	2,702	2,677	14,682	13,697	7.2
East South Central .....	7,367	6,959	6,789	35,390	32,093	10.3
Alabama .....	1,892	1,772	2,068	9,175	9,315	-1.5
Kentucky .....	3,246	2,966	2,628	15,647	13,148	18.0
Mississippi .....	449	335	351	1,639	1,446	13.4
Tennessee .....	1,781	1,888	1,742	8,929	8,185	9.1
West South Central .....	8,660	8,907	10,251	47,688	49,393	-3.5
Arkansas .....	908	761	744	4,064	4,430	-8.3
Louisiana .....	1,011	637	1,105	4,121	4,628	-10.9
Oklahoma .....	1,064	1,185	1,283	6,369	6,055	5.2
Texas .....	6,677	6,324	7,119	33,133	34,280	-3.3
Mountain .....	7,719	7,640	8,009	41,538	39,659	4.7
Arizona .....	1,117	1,279	1,231	6,495	5,803	11.9
Colorado .....	1,272	1,205	1,249	6,371	6,689	-4.8
Montana .....	570	688	711	4,083	3,971	2.8
Nevada .....	437	401	501	3,082	2,917	5.7
New Mexico .....	1,419	1,269	1,580	6,187	5,742	7.7
Utah .....	1,283	1,102	1,141	6,141	5,239	17.2
Wyoming .....	1,621	1,698	1,598	9,176	9,298	-1.3
Pacific .....	424	424	444	2,295	2,420	-5.2
Washington .....	424	424	444	2,295	2,420	-5.2
<b>U.S. Total .....</b>	<b>64,958</b>	<b>63,888</b>	<b>64,796</b>	<b>326,261</b>	<b>309,167</b>	<b>5.5</b>

\* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 9. Quality and Price of Coal Receipts at Electric Utility Plants,  
May 1990**

Census Division and State	May 1990		May 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England .....	0.89	183	1.02	161	0.95	178	0.97	167	-1.6	7.4
Connecticut .....	.41	212	.39	235	.41	211	.38	218	7.6	-3.2
Massachusetts .....	.97	174	.96	156	.97	171	.92	159	5.5	8.0
New Hampshire .....	1.28	184	1.46	169	1.35	178	1.62	166	-16.8	7.2
Mid Atlantic .....	1.66	153	1.57	146	1.63	155	1.57	146	4.0	5.8
New Jersey .....	.86	177	.86	172	.80	179	.83	173	-3.9	3.1
New York .....	1.47	159	1.39	155	1.43	161	1.32	157	8.1	2.5
Pennsylvania .....	1.75	150	1.69	142	1.74	151	1.69	141	3.1	7.2
East North Central .....	1.61	154	1.66	155	1.70	153	1.73	155	-1.7	-1.0
Illinois .....	1.93	173	1.79	183	1.96	175	1.83	182	7.1	-3.9
Indiana .....	1.89	140	2.19	137	1.92	141	2.17	139	-11.6	1.8
Michigan .....	.63	184	.59	175	.67	167	.62	179	8.5	-6.9
Ohio .....	2.06	155	2.09	147	2.06	151	2.10	146	-2.2	3.8
Wisconsin .....	.88	135	.95	137	.82	137	.86	143	-3.1	-4.7
West North Central .....	1.13	117	1.20	119	1.10	115	1.17	115	-5.9	.2
Iowa .....	.92	117	1.05	130	.69	110	.79	123	-12.5	-10.6
Kansas .....	.58	127	.79	123	.70	125	.60	123	15.9	2.0
Minnesota .....	.67	138	.68	131	.56	133	.64	129	-12.9	3.4
Missouri .....	1.84	135	2.05	135	1.96	138	2.08	132	-5.9	5.2
Nebraska .....	.43	76	.41	89	.43	77	.42	89	.8	-13.5
North Dakota .....	1.33	72	1.12	75	1.21	69	1.09	89	11.6	-.5
South Dakota .....	1.66	112	1.50	124	1.47	119	1.45	126	1.3	-4.9
South Atlantic .....	1.26	168	1.21	165	1.23	168	1.19	163	3.4	2.8
Delaware .....	.70	182	.82	175	.72	182	.80	178	-9.6	2.2
Florida .....	1.45	179	1.48	180	1.42	186	1.40	177	1.4	4.7
Georgia .....	1.45	173	1.39	175	1.42	173	1.36	174	4.4	-.6
Maryland .....	1.08	165	1.03	158	1.11	165	1.08	158	3.3	4.6
North Carolina .....	.76	185	.71	173	.75	180	.73	175	3.7	2.5
South Carolina .....	.94	175	.88	169	.92	172	.89	173	3.3	-.4
Virginia .....	.74	157	.70	153	.75	159	.71	152	6.9	5.1
West Virginia .....	1.52	147	1.55	143	1.49	146	1.47	140	1.6	3.9
East South Central .....	1.77	144	1.85	142	1.80	143	1.78	143	.7	.0
Alabama .....	1.29	182	1.37	183	1.24	185	1.30	186	-4.4	-.4
Kentucky .....	2.19	121	2.42	113	2.26	119	2.28	113	-1.1	4.9
Mississippi .....	1.43	162	1.27	160	1.34	164	1.21	174	10.8	-6.1
Tennessee .....	1.62	139	1.71	130	1.67	136	1.67	134	.2	1.7
West South Central .....	.81	154	.83	149	.83	150	.80	148	4.1	1.4
Arkansas .....	.38	160	.46	184	.41	174	.40	185	.8	5.5
Louisiana .....	.59	166	.61	163	.61	170	.63	159	-2.1	6.6
Oklahoma .....	.55	138	.49	132	.54	137	.49	134	10.2	2.4
Texas .....	.97	155	.98	146	.99	146	.95	146	4.3	.1
Mountain .....	.56	115	.56	113	.56	115	.54	112	2.5	2.8
Arizona .....	.48	154	.46	148	.46	147	.46	141	-.5	4.5
Colorado .....	.37	105	.36	104	.39	109	.37	107	5.7	2.4
Montana .....	.70	64	.73	53	.73	65	.77	54	-5.1	20.8
Nevada .....	.48	172	.46	149	.47	156	.47	147	1.7	6.8
New Mexico .....	.97	127	.86	122	.88	132	.85	127	4.0	3.5
Utah .....	.44	110	.45	119	.44	114	.43	126	2.9	-9.6
Wyoming .....	.64	87	.60	85	.61	85	.57	83	6.0	1.6
Pacific .....	1.04	162	.92	158	.86	160	.80	154	7.5	3.8
Washington .....	1.04	162	.92	156	.86	160	.80	154	7.5	3.8
U.S. Total .....	1.30	148	1.30	145	1.30	146	1.28	144	1.3	1.5

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."



# Quality and Price of Contract Coal Receipts at Electric Utility Plants, May 1990

Region Division and State	May 1990		May 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
.....	0.89	183	0.91	158	0.97	178	0.84	167	14.6	8.6
.....	.41	217	.38	235	.41	213	.38	224	7.4	-5.1
.....	.95	171	.93	154	.89	188	.92	157	7.0	6.8
.....	1.35	183	-	-	1.45	176	-	-	-	-
.....	1.72	158	1.65	151	1.70	157	1.64	151	3.5	4.6
.....	.87	178	.99	173	.80	178	.90	174	-11.4	2.3
.....	1.51	157	1.43	160	1.44	163	1.31	163	9.9	.2
.....	1.82	154	1.76	148	1.83	154	1.77	146	3.9	5.6
.....	1.64	160	1.68	163	1.74	161	1.78	163	-.8	-1.6
.....	2.06	181	1.85	190	2.01	182	1.87	187	7.7	-2.2
.....	1.93	144	2.23	142	1.95	145	2.19	144	-11.1	.8
.....	.63	187	.58	177	.64	170	.61	183	4.8	-7.1
.....	2.11	186	2.25	182	2.15	165	2.25	162	-4.4	1.9
.....	.91	138	1.00	137	.89	143	.86	143	3.1	-2
.....	1.12	119	1.14	121	1.08	117	1.16	117	-6.8	.1
.....	1.00	130	.90	135	.71	118	.71	125	-.2	-5.9
.....	.47	127	.48	129	.46	125	.48	126	-4.2	-1.0
.....	.56	137	.87	131	.54	135	.64	130	-15.7	4.2
.....	1.91	139	2.09	140	2.07	142	2.15	134	-3.6	5.5
.....	.41	79	.41	90	.41	79	.43	91	-3.6	-13.0
.....	1.33	72	1.12	75	1.21	69	1.09	70	11.3	-1.6
.....	1.66	112	1.50	124	1.47	119	1.45	126	1.3	-4.9
.....	1.25	175	1.21	173	1.24	175	1.20	172	3.2	1.7
.....	.74	180	.79	177	.73	181	.78	180	-6.7	.2
.....	1.32	187	1.33	189	1.34	194	1.29	188	3.4	3.1
.....	1.51	182	1.44	182	1.44	178	1.42	181	1.4	-1.7
.....	1.13	168	1.03	160	1.12	167	1.11	161	1.2	3.8
.....	.76	186	.71	180	.75	183	.73	180	3.0	2.0
.....	.96	181	.90	175	.92	177	.90	181	2.0	-2.1
.....	.76	158	.73	155	.76	157	.71	154	4.8	1.5
.....	1.59	158	1.52	155	1.58	157	1.51	153	4.8	3.0
.....	1.86	151	1.87	154	1.88	151	1.80	156	4.6	-3.2
.....	1.12	200	1.23	198	1.08	203	1.25	198	-14.0	3.8
.....	2.57	122	2.84	121	2.65	120	2.61	123	1.3	-2.0
.....	1.06	170	1.17	164	1.12	170	1.09	182	3.2	-6.6
.....	1.67	143	1.79	134	1.73	139	1.74	138	-.4	.8
.....	.83	155	.84	150	.84	151	.79	141	7.3	6.7
.....	.38	160	.46	184	.41	174	.40	165	.8	5.5
.....	.59	168	.61	163	.61	170	.61	160	-.3	5.7
.....	.54	140	.50	135	.51	140	.49	135	4.3	3.5
.....	.99	155	.99	146	1.01	147	.96	135	5.7	8.9
.....	.57	118	.57	114	.58	117	.55	113	2.5	3.2
.....	.48	154	.46	148	.46	147	.46	141	-.5	4.5
.....	.37	105	.37	105	.39	110	.37	108	5.5	1.7
.....	.70	64	.73	53	.73	65	.77	54	-5.1	20.8
.....	.48	172	.46	149	.47	156	.47	147	1.7	6.8
.....	.87	127	.86	122	.89	132	.85	127	4.0	3.5
.....	.44	111	.44	121	.44	115	.43	121	2.6	-9.6
.....	.68	93	.62	87	.63	88	.59	86	6.3	3.1
.....	1.07	164	.99	160	.94	165	.88	162	9.5	1.6
.....	1.07	164	.99	160	.94	165	.88	162	9.5	1.6
.....	1.29	151	1.27	150	1.29	150	1.27	148	1.7	1.5

totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 11. Quality and Price of Spot Coal Receipts at Electric Utility Plants, May 1990**

Census Division and State	May 1990		May 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
<b>New England</b> .....	0.90	183	1.24	166	0.91	182	1.24	166	-26.8	9.7
Connecticut .....	.40	193	-	-	.43	198	.39	176	9.4	12.5
Massachusetts .....	1.00	181	1.04	163	.94	180	.91	165	2.4	9.0
New Hampshire .....	.81	189	1.46	169	.99	187	1.62	166	-38.9	12.4
<b>Mid Atlantic</b> .....	1.45	144	1.35	132	1.42	146	1.33	132	6.3	10.5
New Jersey .....	.62	183	.60	170	.81	188	.69	173	17.7	8.9
New York .....	1.39	162	1.31	144	1.41	158	1.35	146	4.5	8.9
Pennsylvania .....	1.49	137	1.46	123	1.44	141	1.41	123	1.9	14.7
<b>East North Central</b> .....	1.49	131	1.55	120	1.56	127	1.63	118	-3.8	8.1
Illinois .....	1.35	135	1.31	126	1.65	133	1.33	125	23.7	6.0
Indiana .....	1.65	120	2.01	112	1.76	120	2.06	109	-14.4	10.4
Michigan .....	.61	146	.63	154	.77	155	.64	154	20.4	.8
Ohio .....	1.96	131	1.74	112	1.86	123	1.78	110	4.6	12.1
Wisconsin .....	.79	129	.65	136	.61	116	.77	145	-20.2	-20.1
<b>West North Central</b> .....	1.17	105	1.64	106	1.19	107	1.25	101	-5.0	6.7
Iowa .....	.75	93	1.93	102	.65	91	1.72	105	-61.9	-12.7
Kansas .....	2.13	131	1.57	109	2.30	124	1.21	105	90.3	19.1
Minnesota .....	1.53	154	.88	124	.79	111	.68	115	16.3	-3.8
Missouri .....	1.60	121	1.84	108	1.50	125	1.53	109	-2.0	14.7
Nebraska .....	.49	68	.34	68	.47	68	.36	67	28.3	1.6
North Dakota .....	-	-	-	-	-	-	1.00	48	-	-
<b>South Atlantic</b> .....	1.32	145	1.23	141	1.21	145	1.17	136	3.8	6.3
Delaware .....	.52	194	1.02	157	.70	186	.91	161	-23.6	15.3
Florida .....	1.90	152	1.99	152	1.78	151	1.76	143	1.4	5.9
Georgia .....	1.30	153	1.19	149	1.35	154	1.16	151	15.8	1.9
Maryland .....	.94	161	1.01	147	1.09	160	.98	148	11.2	8.5
North Carolina .....	.83	145	.68	142	.77	160	.71	142	8.5	12.8
South Carolina .....	.88	158	.84	157	.91	157	.86	154	6.4	2.1
Virginia .....	.59	159	.67	151	.77	168	.70	149	10.3	11.5
West Virginia .....	1.30	115	1.69	100	1.26	115	1.36	100	-7.0	14.0
<b>East South Central</b> .....	1.50	123	1.76	107	1.57	121	1.74	107	-10.1	12.2
Alabama .....	1.87	125	1.99	117	1.80	125	1.61	124	12.4	1.1
Kentucky .....	1.21	119	1.80	100	1.48	115	1.87	101	-21.0	14.4
Mississippi .....	2.19	146	2.02	133	1.90	148	1.81	136	4.7	8.4
Tennessee .....	1.45	123	1.31	113	1.46	123	1.38	113	5.7	8.3
<b>West South Central</b> .....	.47	130	.44	118	.58	128	.88	187	-33.2	-32.6
Louisiana .....	-	-	-	-	-	-	.87	131	-	-
Oklahoma .....	.57	120	.45	120	.71	121	.48	123	48.0	-1.4
Texas .....	.41	136	.40	110	.48	130	.92	195	-47.2	-33.7
<b>Mountain</b> .....	.46	83	.44	88	.46	88	.40	85	13.4	4.2
Colorado .....	.37	105	.32	95	.39	105	.37	98	6.6	7.3
Utah .....	.44	100	.60	105	.48	105	.52	98	-6.9	6.4
Wyoming .....	.51	65	.42	60	.47	65	.39	65	20.1	-3
<b>Pacific</b> .....	.54	125	.36	123	.32	128	.51	116	-37.7	10.4
Washington .....	.54	125	.36	123	.32	128	.51	116	-37.7	10.4
<b>U.S. Total</b> .....	1.32	130	1.40	124	1.34	130	1.34	128	-.6	1.9

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, May 1990**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama .....	344	260	755	181	309	183	1,409	201	1.10	2.9	0.0	2.7
Arizona .....	611	122	-	-	-	-	611	122	.45	-24.5	8.2	-2
Colorado .....	1,387	143	-	-	-	-	1,387	143	.36	25.0	8.7	1.6
Illinois .....	-	-	903	162	3,832	155	4,735	156	2.43	-6.7	.1	4.8
Indiana .....	34	153	266	127	2,306	130	2,606	130	2.27	14.9	2.1	-7
Iowa .....	-	-	-	-	7	159	7	159	3.57	16.7	4.4	-5.9
Kansas .....	-	-	-	-	58	120	58	120	2.58	362.3	.7	-8.1
Kentucky .....	1,630	167	5,605	169	3,700	127	10,935	155	1.50	4.8	2.3	-7
Louisiana .....	-	-	319	131	-	-	319	131	.82	34.0	6.7	1.4
Maryland .....	-	-	224	163	-	-	224	163	1.19	7.2	13.1	-8.8
Missouri .....	-	-	-	-	184	180	184	180	3.94	-31.1	26.7	-9.7
Montana .....	1,384	185	1,514	116	-	-	2,878	151	.54	-13.4	5.6	-5.2
New Mexico .....	683	187	1,419	127	-	-	2,113	148	.74	-8.1	4.9	.5
North Dakota .....	-	-	1,471	80	437	61	1,908	75	1.38	11.8	-3.7	18.6
Ohio .....	9	154	190	148	2,273	153	2,471	152	2.81	-4.5	-1.5	1.0
Oklahoma .....	22	152	35	144	18	106	75	137	1.40	-30.4	-2.3	-20.5
Pennsylvania .....	141	171	2,013	152	1,400	155	4,454	154	1.48	10.0	4.9	3.5
Tennessee .....	11	123	380	158	84	135	475	153	1.14	9.8	13.2	12.7
Texas .....	-	-	2,880	117	898	123	3,778	118	1.52	-5.2	13.9	-3.8
Utah .....	1,312	110	120	158	-	-	1,431	114	.45	11.4	-9.4	-1.8
Virginia .....	278	182	1,081	167	-	-	1,359	170	.84	-13.3	3.5	-4.2
Washington .....	-	-	401	164	-	-	401	164	1.07	.0	2.4	8.7
West Virginia .....	1,955	167	3,310	161	1,899	142	7,164	158	1.30	-10.6	3.6	.0
Wyoming .....	12,747	139	1,144	98	-	-	13,891	135	.45	5.6	-3.9	-3
Imported .....	-	-	88	178	-	-	88	178	.65	-7.9	2.3	1.7
U.S. Total .....	22,537	150	25,017	150	17,405	142	64,958	148	1.30	.3	1.6	.0

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 13. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-May 1990**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama .....	1,863	258	3,228	183	1,816	185	6,904	204	1.09	7.3	2.3	0.3
Arizona .....	4,293	110	-	-	-	-	4,293	110	.46	-4.8	4.0	.8
Colorado .....	6,560	146	140	228	-	-	6,700	148	.39	14.6	8.8	6.1
Illinois .....	-	-	4,495	167	18,348	154	22,843	156	2.42	-1.1	-3	3.0
Indiana .....	299	152	1,430	126	11,630	129	13,359	129	2.26	23.4	1.8	-7
Iowa .....	-	-	-	-	21	161	21	161	3.50	23.5	7.7	-3
Kansas .....	-	-	-	-	328	120	328	120	2.57	216.0	.9	18.6
Kentucky .....	7,475	170	28,744	169	18,382	124	54,602	155	1.51	11.4	.8	2.7
Louisiana .....	-	-	1,284	136	-	-	1,284	136	.81	7.9	7.1	-6.2
Maryland .....	-	-	1,093	157	42	110	1,136	155	1.25	25.0	7.1	-3.4
Missouri .....	-	-	-	-	1,035	178	1,035	178	3.97	-22.6	38.4	-4.3
Montana .....	4,079	199	8,893	107	-	-	12,972	138	.62	4.4	5.9	-4.0
New Mexico .....	2,915	185	6,604	136	-	-	9,519	152	.74	10.8	3.6	2.2
North Dakota .....	-	-	9,237	73	437	61	9,674	73	1.23	-8	-1.5	10.5
Ohio .....	22	149	828	143	12,266	150	13,116	150	2.83	-2	-2.5	1.6
Oklahoma .....	352	146	247	142	129	113	729	138	1.27	71.7	.0	-37.9
Pennsylvania .....	958	177	14,725	154	6,312	150	21,995	154	1.46	10.2	6.1	3.2
Tennessee .....	76	122	1,660	156	413	136	2,150	151	1.14	12.2	9.8	11.2
Texas .....	-	-	11,858	107	7,252	110	19,111	108	1.55	-8	2.5	1.3
Utah .....	6,318	113	449	157	-	-	6,767	116	.44	14.8	-10.2	.7
Virginia .....	1,536	187	5,670	166	9	155	7,214	171	.86	-6.3	3.9	-2.3
Washington .....	-	-	2,013	164	-	-	2,013	164	.94	-4.4	3.7	9.9
West Virginia .....	9,818	169	16,893	160	10,664	142	37,375	167	1.31	-6	4.1	2.3
Wyoming .....	66,160	136	4,364	102	9	136	70,533	134	.44	5.6	-2.7	-1.2
Imported .....	152	181	456	178	-	-	609	178	.62	91.8	6.3	7.5
U.S. Total .....	112,877	148	124,307	149	89,096	140	326,281	146	1.30	5.5	1.5	1.3

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,  
January-May 1990**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama .....	9,175	9,315	76.1	86.4	1.24	1.30	185	186
Alabama .....	6,780	6,423	95.3	94.8	1.08	1.08	205	200
Illinois .....	269	418	-	6.0	2.13	1.99	108	109
Indiana .....	439	69	-	-	2.01	2.87	117	105
Kentucky .....	911	952	28.4	72.9	2.07	1.91	130	131
Ohio .....	216	1,080	100.0	100.0	1.92	2.00	119	207
Tennessee .....	340	338	13.3	35.7	.68	.59	124	123
West Virginia .....	4	38	-	100.0	.51	.60	151	124
Wyoming .....	216	-	-	-	.44	-	170	-
Arizona .....	6,495	5,803	100.0	100.0	.46	.46	147	141
Arizona .....	2,791	2,705	100.0	100.0	.44	.44	100	98
Colorado .....	467	248	100.0	100.0	.31	.34	175	170
New Mexico .....	3,237	2,850	100.0	100.0	.50	.49	187	183
Arkansas .....	4,064	4,430	100.0	100.0	.41	.40	174	165
Wyoming .....	4,064	4,430	100.0	100.0	.41	.40	174	165
Colorado .....	6,371	6,689	80.4	88.7	.39	.37	109	107
Colorado .....	4,307	4,404	85.7	84.1	.39	.37	110	108
Wyoming .....	2,064	2,286	100.0	97.7	.40	.37	106	102
Connecticut .....	460	298	88.9	87.5	.41	.38	211	218
Kentucky .....	460	296	88.9	87.5	.41	.38	211	218
Delaware .....	865	894	71.3	88.6	.72	.80	182	178
Kentucky .....	96	24	17.3	75.0	.51	.61	194	177
Maryland .....	21	7	100.0	100.0	1.11	1.16	141	139
Pennsylvania .....	148	212	51.3	76.5	1.08	1.22	167	169
Virginia .....	144	7	34.1	100.0	.62	.85	194	204
West Virginia .....	558	644	94.5	92.9	.67	.66	183	181
Florida .....	10,320	9,882	81.2	77.0	1.42	1.40	186	177
Alabama .....	-	13	-	-	-	2.55	-	114
Illinois .....	1,738	1,733	100.0	100.0	2.40	2.35	208	195
Indiana .....	206	142	-	38.9	2.85	2.95	109	100
Kentucky .....	6,893	6,366	76.2	69.0	1.29	1.27	180	172
Tennessee .....	58	-	100.0	-	.83	-	220	-
Virginia .....	351	326	100.0	100.0	.58	.58	253	230
West Virginia .....	887	993	84.5	83.6	1.00	.98	181	182
Imported coal Colombia .....	389	272	100.0	100.0	.65	.61	177	172
Imported coal Venezuela .....	-	37	-	-	-	.36	-	141
Georgia .....	11,148	10,461	79.6	77.3	1.42	1.36	173	174
Alabama .....	125	-	18.7	-	1.59	-	156	-
Illinois .....	2,184	2,347	95.0	100.0	2.50	2.16	187	191
Kentucky .....	5,915	5,835	76.2	87.0	1.30	1.25	168	162
Montana .....	-	54	-	-	-	.34	-	181
Tennessee .....	794	387	64.5	98.5	1.07	.65	187	208
Virginia .....	1,239	1,341	87.3	70.8	1.07	1.12	177	167
West Virginia .....	616	497	100.0	100.0	.58	.53	244	237
Wyoming .....	275	-	21.4	-	.37	-	124	-
Illinois .....	11,190	10,382	86.2	93.3	1.96	1.83	175	182
Illinois .....	6,025	5,991	91.8	97.1	2.72	2.67	147	151
Indiana .....	1,009	844	70.3	68.4	1.56	1.24	123	128
Kentucky .....	928	670	37.9	87.8	.89	.58	153	164
Montana .....	1,120	1,175	100.0	99.9	.41	.39	291	281
New Mexico .....	33	-	-	-	.42	-	171	-
West Virginia .....	41	117	56.2	72.5	.53	.53	170	173
Wyoming .....	1,435	1,584	95.1	99.3	.43	.46	292	291
Indiana .....	20,830	18,133	83.6	84.7	1.92	2.17	141	139
Colorado .....	325	-	100.0	-	.39	-	300	-
Illinois .....	4,330	3,972	86.6	88.7	2.38	2.42	159	162
Indiana .....	8,700	7,645	83.1	86.6	2.40	2.47	128	124
Kentucky .....	2,139	1,811	86.3	76.6	2.32	2.42	138	125
Montana .....	388	120	64.2	73.2	.39	.35	241	249
Ohio .....	32	4	-	-	2.11	2.05	123	130
West Virginia .....	204	158	76.8	38.7	.55	.89	211	177
Wyoming .....	4,710	2,422	81.9	81.7	.39	.46	129	155
Iowa .....	6,277	5,556	72.1	92.7	.89	.79	110	123
Illinois .....	407	548	85.0	71.7	2.56	2.55	163	149
Indiana .....	232	126	51.4	78.1	2.17	2.19	138	124
Iowa .....	21	17	100.0	100.0	3.50	3.51	161	149
Kentucky .....	2	36	-	-	2.23	2.44	160	146
Wyoming .....	5,616	4,829	71.9	96.2	.43	.45	104	119

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,  
January-May 1990 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kansas .....	8,750	6,275	89.2	83.6	0.70	0.60	125	123
Colorado .....	85	-	100.0	-	.31	-	117	-
Illinois .....	535	343	18.3	25.5	2.70	2.67	145	142
Kansas .....	158	71	-	6.5	2.47	1.84	121	117
Wyoming .....	5,984	5,880	97.7	87.9	.41	.43	123	121
Kentucky .....	15,647	13,148	87.8	57.0	2.28	2.28	119	113
Illinois .....	91	-	88.6	-	1.59	-	135	-
Indiana .....	1,107	1,046	60.7	39.9	2.39	2.09	110	105
Kentucky .....	12,544	10,483	71.3	61.9	2.47	2.53	118	114
Ohio .....	134	71	54.9	42.4	2.34	2.24	147	120
Pennsylvania .....	11	3	-	100.0	2.03	2.20	107	157
Tennessee .....	229	219	81.2	-	2.10	2.00	121	102
Virginia .....	60	-	100.0	-	.58	-	158	-
West Virginia .....	1,421	1,327	39.5	42.0	.62	.64	128	116
Wyoming .....	50	-	78.0	-	.36	-	125	-
Louisiana .....	4,121	4,628	100.0	94.6	.61	.63	170	159
Louisiana .....	1,284	1,190	100.0	79.2	.81	.86	136	127
West Virginia .....	114	74	100.0	100.0	.53	.50	205	205
Wyoming .....	2,723	3,364	100.0	100.0	.54	.56	180	167
Maryland .....	4,279	3,600	65.2	74.3	1.11	1.08	165	158
Kentucky .....	252	280	87.5	100.0	.56	.56	163	158
Maryland .....	677	547	49.2	61.1	1.22	1.23	171	165
Pennsylvania .....	1,022	1,031	95.1	96.2	1.49	1.49	182	168
West Virginia .....	2,328	1,735	56.6	61.6	.98	.87	158	149
Imported coal Colombia .....	-	8	-	-	-	.43	-	152
Massachusetts .....	1,868	1,863	70.7	80.5	.97	.92	171	159
Maryland .....	40	-	-	-	.75	-	165	-
Pennsylvania .....	486	274	34.3	-	1.11	1.01	173	165
Virginia .....	580	799	100.0	100.0	.95	.89	171	161
West Virginia .....	628	789	91.3	89.8	1.00	.93	167	154
Imported coal Colombia .....	64	-	-	-	.61	-	179	-
Imported coal Venezuela .....	70	-	-	-	.48	-	181	-
Michigan .....	9,094	9,097	79.9	87.3	.67	.62	167	179
Indiana .....	88	75	100.0	100.0	2.43	2.30	165	163
Kentucky .....	2,744	2,831	70.3	87.8	.72	.64	181	197
Montana .....	2,509	2,378	100.0	100.0	.37	.36	154	149
Ohio .....	29	16	100.0	100.0	2.98	2.73	209	221
Pennsylvania .....	744	659	75.5	89.7	1.08	1.04	159	174
Virginia .....	113	267	100.0	100.0	1.09	.89	186	175
West Virginia .....	2,330	2,781	74.3	76.5	.67	.57	170	183
Wyoming .....	537	91	58.6	-	.28	.36	109	125
Minnesota .....	7,267	6,075	92.2	94.3	.56	.64	133	129
Illinois .....	19	29	100.0	100.0	1.25	1.37	192	198
Indiana .....	14	14	-	-	1.72	1.40	165	137
Kentucky .....	3	-	-	-	.88	-	212	-
Montana .....	4,123	3,879	87.5	91.8	.75	.81	136	131
North Dakota .....	1	-	100.0	-	.87	-	174	-
Wyoming .....	3,107	2,153	98.9	99.2	.28	.32	129	124
Mississippi .....	1,639	1,448	71.0	82.6	1.34	1.21	164	174
Illinois .....	463	418	90.0	96.4	2.02	1.99	150	148
Indiana .....	9	-	-	-	4.51	-	128	-
Kentucky .....	1,167	1,008	64.0	78.5	1.05	.89	170	186
West Virginia .....	-	19	-	-	-	1.01	-	145
Missouri .....	10,352	10,526	79.4	88.3	1.96	2.08	138	132
Colorado .....	56	9	100.0	100.0	.40	.31	159	139
Illinois .....	5,337	6,070	84.7	93.3	2.19	2.22	151	146
Indiana .....	62	44	100.0	61.4	2.92	1.09	122	123
Kansas .....	172	32	-	36.9	2.67	2.89	119	122
Kentucky .....	514	-	100.0	-	2.58	-	123	-
Missouri .....	1,035	1,338	98.3	99.0	3.97	4.15	178	128
New Mexico .....	18	-	-	-	.34	-	135	-
Ohio .....	24	-	-	-	2.10	-	171	-
Oklahoma .....	36	170	100.0	73.6	3.64	3.33	138	134
Wyoming .....	3,097	2,862	64.9	74.8	.43	.44	97	93
Montana .....	4,083	3,971	100.0	100.0	.73	.77	65	54
Montana .....	4,083	3,971	100.0	100.0	.73	.77	65	54
Nebraska .....	3,517	2,928	76.5	89.3	.43	.42	77	89
Colorado .....	-	37	-	100.0	-	.50	-	182
Montana .....	-	0	-	-	-	.36	-	23
Wyoming .....	3,517	2,891	76.5	89.2	.43	.42	77	87

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,  
January-May 1990 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Nevada .....	3,082	2,917	100.0	100.0	0.47	0.47	156	147
Arizona .....	1,502	1,803	100.0	100.0	.49	.48	127	117
Utah .....	1,282	1,023	100.0	100.0	.47	.45	180	192
Wyoming .....	298	91	100.0	100.0	.42	.50	203	196
New Hampshire .....	534	387	78.1	-	1.35	1.62	178	166
Kentucky .....	17	-	-	-	.68	-	201	-
Pennsylvania .....	60	37	100.0	-	1.02	.96	180	174
West Virginia .....	371	350	82.2	-	1.59	1.69	176	165
Imported coal Canada .....	34	-	-	-	.97	-	181	-
Imported coal Venezuela .....	52	-	100.0	-	.40	-	183	-
New Jersey .....	1,388	1,487	90.0	68.0	.80	.83	179	173
Kentucky .....	31	48	-	-	.62	.58	190	177
Ohio .....	14	-	-	-	1.66	-	203	-
Pennsylvania .....	25	22	-	-	.97	1.38	189	184
Virginia .....	627	601	100.0	66.5	.58	.61	177	172
West Virginia .....	689	816	90.0	74.8	1.00	1.01	179	174
New Mexico .....	6,187	5,742	100.0	100.0	.88	.85	132	127
New Mexico .....	6,187	5,742	100.0	100.0	.88	.85	132	127
New York .....	4,561	4,131	65.1	68.6	1.43	1.32	161	157
Kentucky .....	202	302	100.0	100.0	.38	.39	208	201
Maryland .....	11	-	-	-	1.35	-	168	-
Ohio .....	30	7	-	-	1.55	1.53	161	160
Pennsylvania .....	2,406	2,381	44.2	46.1	1.44	1.36	155	148
West Virginia .....	1,911	1,431	89.2	100.0	1.53	1.47	164	164
North Carolina .....	8,447	7,458	85.5	89.0	.75	.73	180	175
Kentucky .....	4,271	3,669	83.3	86.0	.78	.74	185	179
Tennessee .....	-	81	-	100.0	-	1.03	-	190
Virginia .....	1,835	1,839	96.2	93.0	.83	.80	168	169
West Virginia .....	2,341	1,868	81.1	90.5	.63	.62	179	174
North Dakota .....	8,918	8,946	100.0	96.5	1.21	1.09	69	69
North Dakota .....	8,918	8,946	100.0	96.5	1.21	1.09	69	69
Ohio .....	21,845	21,188	87.7	69.4	2.06	2.10	151	146
Illinois .....	24	-	-	-	2.57	-	117	-
Indiana .....	41	20	-	-	2.97	2.08	109	95
Kentucky .....	4,152	3,411	46.9	54.6	1.01	1.08	156	150
Ohio .....	10,897	10,777	71.1	74.8	2.78	2.82	154	151
Pennsylvania .....	1,328	1,303	54.8	58.3	1.73	1.70	136	132
West Virginia .....	5,405	5,677	81.1	71.2	1.50	1.49	148	138
Oklahoma .....	8,369	8,055	87.7	92.1	.54	.49	137	134
Oklahoma .....	692	254	53.9	32.0	1.13	1.19	138	141
Wyoming .....	5,676	5,801	91.8	94.7	.45	.44	137	134
Pennsylvania .....	18,794	18,310	76.0	78.0	1.74	1.69	151	141
Ohio .....	1,015	875	98.0	95.4	3.35	3.28	152	147
Pennsylvania .....	14,877	13,300	69.4	72.4	1.48	1.43	152	141
West Virginia .....	3,901	4,135	95.4	92.4	2.31	2.18	146	139
South Carolina .....	3,662	3,734	76.9	71.3	.92	.89	172	173
.....	3,121	3,365	77.8	68.6	.91	.88	174	175
.....	112	5	-	1.8	1.18	1.16	164	148
.....	421	360	91.3	97.2	.92	.95	160	158
.....	8	4	40.5	100.0	.76	.89	178	198
.....	755	810	100.0	100.0	1.47	1.45	119	126
.....	755	810	100.0	100.0	1.47	1.45	119	126
.....	8,929	8,185	79.1	81.8	1.67	1.67	138	134
.....	330	673	50.7	9.1	1.94	1.89	113	112
.....	704	-	-	-	1.75	-	123	-
.....	6,799	6,021	87.7	92.3	1.73	1.78	140	140
.....	619	886	74.4	65.2	1.14	1.11	121	115
.....	477	587	100.0	82.0	1.39	1.44	130	121
.....	-	18	-	100.0	-	2.09	-	139
.....	33,133	34,280	96.7	82.3	.99	.95	146	146
.....	793	647	66.9	100.0	.35	.34	205	220
.....	19,111	19,261	99.6	86.2	1.55	1.53	108	105
.....	-	131	-	33.3	-	.48	-	170
Utah .....	13,229	14,242	94.2	76.6	.45	.42	183	182
Wyoming .....	6,141	5,238	87.5	95.3	.44	.43	114	126
Utah .....	656	499	100.0	100.0	.53	.40	227	241
Colorado .....	5,485	4,739	86.0	94.8	.43	.43	101	114
Utah .....	3,179	4,331	70.3	51.3	.75	.71	159	152
Virginia .....	1,142	1,283	53.5	44.1	.82	.77	160	152
Kentucky .....	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,  
January-May 1990 (Continued)**

State of Destination State of Origin and imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Virginia								
Virginia .....	1,387	1,584	85.9	77.6	0.70	0.71	159	158
West Virginia .....	870	1,484	87.0	29.7	.77	.84	158	145
Washington	2,295	2,420	87.4	82.9	.86	.80	160	154
Washington .....	2,013	2,105	99.6	95.2	.94	.85	164	158
Wyoming .....	282	315	-	-	.31	.43	128	124
West Virginia	14,682	13,697	73.1	78.2	1.49	1.47	146	140
Kentucky .....	432	234	82.0	90.2	.89	.74	173	186
Maryland .....	386	355	54.9	48.1	1.39	1.41	124	113
Ohio .....	724	318	59.0	-	3.25	3.22	95	92
Pennsylvania .....	242	155	13.9	20.3	1.57	1.10	118	124
West Virginia .....	12,897	12,836	75.3	79.3	1.42	1.45	149	142
Wisconsin	7,291	7,153	78.2	88.6	.82	.85	137	143
Illinois .....	491	557	78.7	87.4	1.73	1.75	144	143
Indiana .....	747	802	97.8	82.2	1.74	1.69	190	182
Kentucky .....	87	93	-	31.8	.62	1.26	185	157
Montana .....	749	843	86.3	92.2	.74	.73	163	160
New Mexico .....	43	-	-	-	.39	-	174	-
Pennsylvania .....	647	574	100.0	100.0	1.27	1.31	154	149
Virginia .....	-	9	-	-	-	.51	-	154
West Virginia .....	51	-	-	-	1.49	-	162	-
Wyoming .....	4,496	4,276	89.9	87.3	.41	.41	114	129
Wyoming	9,176	9,298	85.0	91.0	.61	.57	85	83
Wyoming .....	9,176	9,298	85.0	91.0	.61	.57	85	83
U.S. Total	326,281	309,167	82.8	83.0	1.30	1.28	146	144

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."



**Table 15. Origin of Coal Received at Electric Utility Plants by Destination, January-May 1990**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama .....	6,904	6,436	93.9	94.6	1.09	1.09	204	200
Alabama .....	6,780	6,423	95.3	94.8	1.08	1.08	205	200
Florida .....	-	13	-	-	-	2.55	-	114
Georgia .....	125	-	18.7	-	1.59	-	156	-
Arizona .....	4,293	4,508	100.0	100.0	.46	.45	110	105
Arizona .....	2,791	2,705	100.0	100.0	.44	.44	100	98
Nevada .....	1,502	1,803	100.0	100.0	.49	.48	127	117
Colorado .....	6,700	5,844	86.8	88.0	.39	.37	148	136
Arizona .....	467	248	100.0	100.0	.31	.34	175	170
Colorado .....	4,307	4,404	95.7	84.1	.39	.37	110	108
Indiana .....	325	-	100.0	-	.39	-	300	-
Kansas .....	95	-	100.0	-	.31	-	117	-
Missouri .....	58	9	100.0	100.0	.40	.31	158	139
Nebraska .....	-	37	-	100.0	-	.50	-	182
Texas .....	793	647	86.9	100.0	.35	.34	205	220
Utah .....	656	499	100.0	100.0	.53	.40	227	241
Illinois .....	22,843	23,100	86.1	89.1	2.42	2.35	156	157
Alabama .....	269	418	-	6.0	2.13	1.99	108	109
Florida .....	1,738	1,733	100.0	100.0	2.40	2.35	208	195
Georgia .....	2,184	2,347	95.0	100.0	2.50	2.16	167	191
Illinois .....	6,625	5,991	91.8	97.1	2.72	2.67	147	151
Indiana .....	4,330	3,972	86.8	98.7	2.38	2.42	159	162
Iowa .....	407	548	85.0	71.7	2.56	2.55	163	149
Kansas .....	535	343	18.3	25.5	2.70	2.67	145	142
Kentucky .....	91	-	88.6	-	1.59	-	135	-
Minnesota .....	19	29	100.0	100.0	1.25	1.37	192	198
Mississippi .....	463	418	90.0	96.4	2.02	1.99	150	148
Missouri .....	5,337	6,070	84.7	93.3	2.19	2.22	151	146
Ohio .....	24	-	-	-	2.57	-	117	-
Tennessee .....	330	673	50.7	9.1	1.94	1.69	113	112
Wisconsin .....	491	557	78.7	87.4	1.73	1.75	144	143
Indiana .....	13,359	10,828	71.9	79.6	2.26	2.27	129	127
Alabama .....	439	69	-	-	2.01	2.87	117	105
Florida .....	206	142	-	38.9	2.85	2.95	109	100
Illinois .....	1,009	844	70.3	68.4	1.56	1.24	123	128
Indiana .....	8,700	7,645	83.1	86.6	2.40	2.47	128	124
Iowa .....	232	126	51.4	78.1	2.17	2.19	138	124
Kentucky .....	1,107	1,046	60.7	39.9	2.39	2.09	110	105
Michigan .....	88	75	100.0	100.0	2.43	2.30	165	163
Minnesota .....	14	14	-	-	1.72	1.40	165	137
Mississippi .....	9	-	-	-	4.51	-	128	-
Missouri .....	62	44	100.0	61.4	2.92	1.09	122	123
Ohio .....	41	20	-	-	2.97	2.08	109	95
Tennessee .....	704	-	-	-	1.75	-	123	-
Wisconsin .....	747	802	97.8	92.2	1.74	1.69	190	182
Iowa .....	21	17	100.0	100.0	3.50	3.51	161	149
Iowa .....	21	17	100.0	100.0	3.50	3.51	161	149
Kansas .....	328	104	-	16.0	2.67	2.17	120	119
Kansas .....	156	71	-	6.5	2.47	1.84	121	117
Missouri .....	172	32	-	36.9	2.67	2.89	118	122
Kentucky .....	54,602	49,018	73.0	71.7	1.51	1.47	155	154
Alabama .....	911	952	28.4	72.9	2.07	1.91	130	131
Connecticut .....	460	296	88.9	87.5	.41	.38	211	218
Delaware .....	96	24	17.3	75.0	.51	.61	194	177
Florida .....	6,693	6,366	76.2	69.0	1.29	1.27	180	172
Georgia .....	5,915	5,835	76.2	67.0	1.30	1.25	168	162
Illinois .....	828	670	37.9	67.8	.89	.68	153	164
Indiana .....	2,139	1,811	86.3	76.6	2.32	2.42	138	125
Iowa .....	2	36	-	-	2.23	2.44	180	146
Kentucky .....	12,544	10,483	71.3	61.9	2.47	2.53	118	114
Maryland .....	252	280	67.5	100.0	.68	.66	163	156
Michigan .....	2,744	2,831	70.3	87.8	.72	.64	181	197
Minnesota .....	3	-	-	-	.68	-	212	-
Mississippi .....	1,167	1,008	64.0	78.5	1.05	.89	170	186
Missouri .....	514	-	100.0	-	2.56	-	123	-
New Hampshire .....	17	-	-	-	.68	-	201	-
New Jersey .....	31	48	-	-	.82	.58	190	177
New York .....	202	302	100.0	100.0	.38	.39	208	201
North Carolina .....	4,271	3,669	93.3	88.0	.78	.74	185	179

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination, January-May 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kentucky								
Ohio	4,152	3,411	46.9	54.6	1.01	1.08	156	150
South Carolina	3,121	3,365	77.8	68.6	.91	.88	174	175
Tennessee	6,799	6,021	87.7	92.3	1.73	1.78	140	140
Virginia	1,142	1,283	53.5	44.1	.82	.77	160	152
West Virginia	432	234	82.0	80.2	.89	.74	173	186
Wisconsin	87	93	-	31.8	.62	1.26	185	157
Louisiana	1,284	1,190	100.0	79.2	.81	.86	136	127
Louisiana	1,284	1,190	100.0	79.2	.81	.86	136	127
Maryland	1,138	908	49.9	56.3	1.25	1.30	155	145
Delaware	21	7	100.0	100.0	1.11	1.16	141	139
Maryland	677	547	49.2	61.1	1.22	1.23	171	165
Massachusetts	40	-	-	-	.75	-	185	-
New York	11	-	-	-	1.35	-	168	-
West Virginia	386	355	54.9	48.1	1.39	1.41	124	113
Missouri	1,035	1,338	98.3	99.0	3.97	4.15	178	128
Missouri	1,035	1,338	98.3	99.0	3.97	4.15	178	128
Montana	12,972	12,420	94.2	96.2	.62	.65	138	130
Georgia	-	54	-	-	-	.34	-	181
Illinois	1,120	1,175	100.0	99.9	.41	.38	281	281
Indiana	388	120	64.2	73.2	.39	.35	241	249
Michigan	2,509	2,378	100.0	100.0	.37	.36	154	149
Minnesota	4,123	3,879	87.5	91.8	.75	.81	136	131
Montana	4,083	3,971	100.0	100.0	.73	.77	65	54
Nebraska	-	0	-	-	-	.36	-	23
Wisconsin	749	843	86.3	92.2	.74	.73	163	160
New Mexico	9,519	8,592	99.0	100.0	.74	.72	152	147
Arizona	3,237	2,850	100.0	100.0	.50	.49	187	183
Illinois	33	-	-	-	.42	-	171	-
Missouri	18	-	-	-	.34	-	135	-
New Mexico	6,187	5,742	100.0	100.0	.88	.85	132	127
Wisconsin	43	-	-	-	.39	-	174	-
North Dakota	9,674	9,756	100.0	96.8	1.23	1.11	73	74
Minnesota	1	-	100.0	-	.87	-	174	-
North Dakota	9,918	8,946	100.0	96.5	1.21	1.09	69	69
South Dakota	755	810	100.0	100.0	1.47	1.45	119	126
Ohio	13,116	13,148	72.3	76.2	2.83	2.79	150	153
Alabama	216	1,080	100.0	100.0	1.92	2.00	119	207
Indiana	32	4	-	-	2.11	2.06	123	130
Kentucky	134	71	54.0	42.4	2.34	2.24	147	120
Michigan	29	16	100.0	100.0	2.88	2.73	209	221
Missouri	24	-	-	-	2.10	-	171	-
New Jersey	14	-	-	-	1.66	-	203	-
New York	30	7	-	-	1.55	1.53	161	-
Ohio	10,887	10,777	71.1	74.8	2.78	-	-	-
Pennsylvania	1,015	875	98.0	95.4	3.35	-	-	-
West Virginia	724	319	59.0	-	3.25	-	-	-
Oklahoma	729	424	58.2	48.7	-	-	-	-
Missouri	36	170	100.0	73.6	-	-	-	-
Oklahoma	692	254	53.9	32.0	-	-	-	-
Pennsylvania	21,995	19,861	66.5	69.3	-	-	-	-
Delaware	148	212	51.3	-	-	-	-	-
Kentucky	11	3	-	-	-	-	-	-
Maryland	1,022	1,031	95.1	-	-	-	-	-
Massachusetts	488	274	34.3	-	-	-	-	-
Michigan	744	659	75.5	-	-	-	-	-
New Hampshire	60	37	100.0	-	-	-	-	-
New Jersey	25	22	-	-	-	-	-	-
New York	2,408	2,391	44.2	-	-	-	-	-
Ohio	1,328	1,303	54.6	-	-	-	-	-
Pennsylvania	14,877	13,300	69.4	-	-	-	-	-
West Virginia	242	155	13.9	-	-	-	-	-
Wisconsin	647	574	100.0	-	-	-	-	-
Tennessee	2,150	1,915	58.6	-	-	-	-	-
Alabama	340	338	13.3	-	-	-	-	-
Florida	56	-	100.0	-	-	-	-	-
Georgia	794	387	84.5	-	-	-	-	-
Kentucky	229	219	81.2	-	-	-	-	-
North Carolina	-	81	-	-	-	-	-	-

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,  
January-May 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Tennessee								
South Carolina	112	5	-	1.8	1.18	1.16	164	148
Tennessee	619	886	74.4	65.2	1.14	1.11	121	115
Texas	19,111	19,261	99.6	86.2	1.55	1.53	108	105
Texas	19,111	19,261	99.6	86.2	1.55	1.53	108	105
Utah	6,767	5,893	88.7	84.3	.44	.44	116	129
Nevada	1,282	1,023	100.0	100.0	.47	.45	180	192
Texas	-	131	-	33.3	-	.48	-	170
Utah	5,485	4,739	86.0	84.8	.43	.43	101	114
Virginia	7,214	7,700	92.4	84.5	.86	.88	171	164
Delaware	144	7	34.1	100.0	.62	.85	194	204
Florida	351	326	100.0	100.0	.58	.58	253	230
Georgia	1,239	1,341	87.3	70.8	1.07	1.12	177	167
Kentucky	60	-	100.0	-	.58	-	158	-
Massachusetts	580	799	100.0	100.0	.95	.89	171	181
Michigan	113	267	100.0	100.0	1.09	.89	186	175
New Jersey	827	601	100.0	68.5	.58	.61	177	172
North Carolina	1,835	1,839	86.2	93.0	.83	.80	168	169
South Carolina	421	360	91.3	97.2	.92	.95	160	158
Tennessee	477	587	100.0	82.0	1.39	1.44	130	121
Virginia	1,367	1,564	85.9	77.6	.70	.71	159	158
Wisconsin	-	9	-	-	-	.51	-	154
Washington	2,013	2,105	99.6	95.2	.94	.85	164	158
Washington	2,013	2,105	99.6	95.2	.94	.85	164	158
West Virginia	37,375	37,589	78.0	76.4	1.31	1.28	157	151
Alabama	4	36	-	100.0	.51	.60	151	124
Delaware	556	644	94.5	92.9	.67	.66	183	181
Florida	887	993	84.5	83.6	1.00	.98	181	182
Georgia	616	497	100.0	100.0	.58	.53	244	237
Illinois	41	117	56.2	72.5	.53	.53	170	173
Indiana	204	158	78.8	38.7	.55	.89	211	177
Kentucky	1,421	1,327	39.5	42.0	.82	.64	128	116
Louisiana	114	74	100.0	100.0	.53	.50	205	205
Maryland	2,328	1,735	56.6	61.6	.98	.87	156	149
Massachusetts	628	789	81.3	88.8	1.00	.93	167	154
Michigan	2,330	2,781	74.3	76.5	.67	.57	170	183
Mississippi	-	19	-	-	-	1.01	-	145
New Hampshire	371	350	82.2	-	1.59	1.69	176	165
New Jersey	689	816	90.0	74.8	1.00	1.01	179	174
New York	1,911	1,431	89.2	100.0	1.53	1.47	164	164
North Carolina	2,341	1,868	81.1	90.5	.83	.62	179	174
Ohio	5,405	5,677	81.1	71.2	1.50	1.49	146	138
Pennsylvania	3,901	4,135	95.4	92.4	2.31	2.18	146	139
South Carolina	8	4	40.5	100.0	.76	.89	178	198
Tennessee	-	18	-	100.0	-	2.09	-	139
Virginia	670	1,484	67.0	29.7	.77	.64	158	145
West Virginia	12,897	12,636	75.3	79.3	1.42	1.45	149	142
Wisconsin	51	-	-	-	1.49	-	162	-
Wyoming	70,533	66,784	86.5	88.2	.44	.45	134	138
Alabama	216	-	-	-	.44	-	170	-
Arkansas	4,064	4,430	100.0	100.0	.41	.40	174	165
Colorado	2,064	2,286	100.0	97.7	.40	.37	106	102
Georgia	275	-	21.4	-	.37	-	124	-
Illinois	1,435	1,584	95.1	99.3	.43	.46	292	291
Indiana	4,710	2,422	81.9	81.7	.39	.46	129	155
Iowa	5,616	4,829	71.9	98.2	.43	.45	104	119
Kansas	5,864	5,860	97.7	87.9	.41	.43	123	121
Kentucky	50	-	78.0	-	.38	-	125	-
Louisiana	2,723	3,364	100.0	100.0	.54	.56	180	167
Michigan	537	91	56.6	-	.28	.36	109	125
Minnesota	3,107	2,153	98.9	99.2	.28	.32	129	124
Missouri	3,097	2,862	64.9	74.8	.43	.44	97	93
Nebraska	3,517	2,891	76.5	89.2	.43	.42	77	87
Nevada	298	91	100.0	100.0	.42	.50	203	196
Oklahoma	5,678	5,801	91.8	94.7	.45	.44	137	134
Texas	13,229	14,242	94.2	76.6	.45	.42	183	182
Washington	282	315	-	-	.31	.43	128	124
Wisconsin	4,496	4,276	69.9	87.3	.41	.41	114	129
Wyoming	9,176	9,298	85.0	91.0	.61	.57	85	83

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,  
January-May 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Imported Coal .....	609	317	72.5	85.8	0.62	0.58	178	168
Canada .....	34	-	-	-	.97	-	181	-
New Hampshire .....	34	-	-	-	.97	-	181	-
Colombia .....	453	280	85.8	97.1	.64	.61	177	172
Florida .....	389	272	100.0	100.0	.65	.61	177	172
Maryland .....	-	8	-	-	-	.43	-	152
Massachusetts .....	64	-	-	-	.61	-	179	-
Venezuela .....	122	37	42.9	-	.44	.36	182	141
Florida .....	-	37	-	-	-	.36	-	141
Massachusetts .....	70	-	-	-	.48	-	181	-
New Hampshire .....	52	-	100.0	-	.40	-	183	-
U.S. Total .....	326,281	309,167	82.8	83.0	1.30	1.28	146	144

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

# AFTER THE DECLARATION OF INDEPENDENCE OUR FOUNDING FATHERS WROTE SOMETHING EVEN MORE IMPORTANT.

Ten years after the signing of the Declaration of Independence our founding fathers created what historians have called the greatest single document struck off by the hand and mind of man.



Our founding fathers created the Constitution of the United States.

For the first time in history, power was granted by the people to the government, and not by the government to the people.


The freedom unleashed by the Constitution allowed Americans to develop their talents and abilities to the fullest. And attain what is now known the world over as the *American Dream*.

As we commemorate the Bicentennial of the Constitution, there is no better way for you as an American to reaffirm the principles for which our country stands than to learn more about the Constitution.

The words we live by.

## THE CONSTITUTION

The words we live by

To learn more about the Constitution write: Constitution, Washington, D.C. 20599. The Commission on the Bicentennial of The U.S. Constitution. 

This publication is available from the Superintendent of Documents, U.S. Government Printing Office (GPO). Information about purchasing this or other Energy Information Administration (EIA) publications may be obtained from the GPO or the EIA's National Energy Information Center (NEIC). Questions on energy statistics should be directed to the NEIC by mail, telephone or telecommunications device for the deaf (TDD). Addresses, telephone numbers, and hours appear below.

National Energy Information Center, EI-231  
Energy Information Administration  
Forrestal Building, Room 1F-048  
Washington, DC 20585  
(202) 586-8800  
Telecommunications Device for the  
Deaf only: (202) 586-1181  
Hours: 8 a.m. - 5 p.m., M-F, Eastern Time

Superintendent of Documents  
U.S. Government Printing Office  
Washington, DC 20402  
(202) 783-3238

---

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy of the Department of Energy or any other organization.

---